M. A. R. 57 (Rule 116) No. E 536101

Measurement Book

Serial No. 1st and final E-BILL

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work :- Providing and Laying 600mm RCC Sewerage Pipe line from Elements Mall SWD to Thanisandra BBMP office along Thanisandra main Road Comp under WMD no. 06 (Thanisandra) BTP Sub-Division.						
	Estimated cost Rs: 120.00 Lakh.						
	JOB. NO - 006-19-000028. - P-code - 3111. State finance Commission Unit grant. Works						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No = EE/BTP/BBSR/~~E-Proj~~ HQ/T/18/2020-21 Dt. 05.05.2019.						
	Date of Commencement =		16.05.2020				
	Date of Completion =		30-11-2020				
(1)	Cutting Road surfaces for pipelines trenches and disposal of the Excavated stuff as directed including stacking, barricading, danger lights all as the classify of Asphalt Roads as per the direction of the Engineer-in-charge of the work with all lead and lift, loading unloading and all other						

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M. A. R. 57 (Rule 116) No. E 536102
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty vide E.Bill No. (1)				
			P.No 2 = 384.60 m³				
						938.70/-	358207.92
(2)	Excavation for pipe line trenches of Required width by mechanical/and manual mean including dressing sides, rammity of bottoms, providing barricadings, dangers lighting, shoring, strutting, dewatering etc in all kinds of soil mixed with boulders of 30 cm size encountered of all dia. for depth upto 2.00 m in all types of soils.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	etc as per the directions of the Engineer in-charge of the work with lead and lift, loading and unloading and all other incidental charges etc complete as per specifications						
						qty as do. E.Bill p.no. 4	
						# no. 2. 267.20 m³	468394.92
						@ 175.35/-	
37	—"— pipes of all dia for depth 2.00 m to 4.00 m in all types of soil Note: If any shoring and strutting will be paid separately, will be paid separately as per the directions of the Engineer in-charge of work will all lead and lift, Loading and unloading and all other incidental charges etc Complete						

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

536103

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per specifications and direction of Engineer-in-charge of work.						
			qty vide E. Bill. p.no. 5			Item 3	
			=	839.70 m³	@ 234.25/m³		1,96,795.13
4)	Excavation for pipe line trenches of required width by mechanical and manual means including dressing sides, removing of bottoms, providing barricading, danger Lights, shoring, shuttering, strutting, dewatering etc in Disintegrated Rock, Soft Rock, Soft shale and Medium hard Rock. Comprising of						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Loose stone, Sand stone, hard						
	without resorting to blast etc.						
	upto 2.00 m : Including						
	all lead and Lift, Loading and						
	unloading and all other in-						
	cidental charges etc complete						
	as per specifications,						
	Qty. vide E-Bill-No. 7						
	It No. 4. - 534.24 m³						
	@ 424.20/m³						226624.61
5)	Excavating for pipe line	trenches of required width by					

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Measurement Book 536104

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	mechanical/manual means including dressing the sides,						
	ramming of bottoms, providing barricading, danger Lights,						
	Shoring, Strutting, dewatering etc in disintegrated Rock						
	Soft Rock, Soft shale and medium hard Rock Comprising of Lime stone, Sand stone, hard shale schist, fissured						
	Rock without resorting to blast etc from per the direction of						
	the Engineer in-charge of the work with all lead and Lift, loading						
	and unloading and all other incidental charges etc Complete as						
	per specifications and direction of Engineer in-charge of the						
	work.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty-inside	P.Bill	Item no. 5	page no. 8		
		=	125.56 m³	@ 483/m³			60638.68
5)	Excavation for pipe line trenches of required width by mechanical / and manual means including dressing sides, ramming of bottoms, providing barricading, danger lighting shoring, strutting, dewatering, etc in Hard Utensil Rock containing iron ore above 20% by chiselling and hammering to proper slope etc for pipes of all dia for depth 2.1 to 4.1 mtr. as per site directions of Engineer-in-charge						

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Measurement Book

536105

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work with all lead and lift, loading, unloading and all other incidental charges etc complete as per Specifications and directions of the Engineer-in-charge of the work.						
		Qty-inside	P.Bill	Item no. 7	page no. 10		
		=	41.99 m³	@ 1082.55/m³			45,456.27
7)	Providing and installing Steel piling for both sides of the trenches for following depths with mild steel sheets of not less than 6.5 mm thick Arrowhead Knife Edge, recessed						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Spreader Anchor, 3 inch single or double wall Shields, to be designed by the contractor to withstand all types of load, max depths as per the approved design drawings, including labour charges for installing and removing the steel piling at various reaches of sewer line Constructions, including loading, unloading, transporting to the suitable location etc complete with all lead and lifts for depths 3.0 m to 6.0 m as per the directions the Engineer-in-charge of the Work. Small Lead and lift Loading, unloading and other incidental charges etc complete as per specifications						

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Measurement Book

Serial No. 536106
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty vide	R. Bill -	Page No 10	Item No 7		
			= 750.00 sq.m	@ 831.85/92			627637.50
8)	Refilling Earth around pipelines, in layers not exceeding 20 cms in depth compacting each deposited layers by ramming after watering all lead and lifts including coolies, all labours including consolidating by mechanical means approved by the Engineer-in-charge, when Earth is at desirable moisture content with desired field density upto 95% max. dry						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	density for re-storation of Roads Without settlement in- cluding Hire of machinaries Complete. etc with approved Earth available nearby. Lead upto 10km and lift upto 1.5m						
	9 No's nos			B.Bill.	pg no. 11 # 8		
				= 2005.45 m^3	@ 108.15 $/m^3$		216889.42
9)	Disposal of the Excess excavated Earth of all types by vehicle including Loading, unloading with all lead and lift, Labour, Hire of Machinaries etc. for a distance of 1km.						

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Measurement Book

536107

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		9 No's nos		B.Bill	# No 9 pg no 12		
				= 1499.36 m^3	@ 255.15 $/m^3$		382,561.70
10)	Supplying Sand & RCC spun) Pipes NP-3 class conforming to amendments using ordinary Portland cement for sealing works and conveying to work site, Rolling and Lowering into trenches, laying true to line and Level including Loading and unloading at both destinations, and jointing of pipes and			Vibrated Cast pipes (Reinforced) 25-458-1988 With latest			

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Specials including cost of specials, project linking of pipes with jacks to correct positions including cost of jointing materials, i/c. rubber rings, Conforming to IS- 5382 for sqls Rcc pipes with all leads and lifts as directed and giving necessary hydraulic test. etc.						
	Rcc NP3. class pipe of 600 mm dia as per direction of Engineer-in-charge of work with all Lead and lifts, loading and unloading charges etc complete.						
	qty-vide R.Bill. Item No 10						39,95,012.70
	p.rate. 14 = 1223.40 y/c						3265.50/y

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Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11)	Providing and Constructing "Wire Cut brick masonry Chambers, using sulphate resistant cements, Conicked to shape at top with c.c 1:3:6 foundations using 4cm and down size graded metal of approved quality and lifts an offset of 0.15m around the Chambers, Construct brick masonry in Cm 1:4, 340mm thick with wire cut bricks of approved quality, plaster inside and outside with Cm 1:3, 12mm thick, except for the conicked surface outside wherever						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	plaster thickness shall be 20mm and down size. supplying and fixing SFRC manhole frame and cover confirming to IS - 12592 with latest amendments, in C.C 1:2:4. Supplying and fixing foot steps made of 12mm dia steel bars (fe-415) with 3mm thick plastic encap sulation (IS-10910). The foot step shall be fixed 30cms apart and on CC blocks, embedded to masonry wall. etc complete as per drawing and specifications.						
			qty-vide. E.Bill			#No 11	
			p.no			15 2 24.10.20	561103.20
12)	providing and Constructing " Nine	cut	brick	manhole	Chamber	₹23379.20/-	

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Measurement Book 536109

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	using sulphate resistant Cement, concrete in shape atop of approved with C.C. 1:3:6 foundation using down of down size graded metal of approved quality with an offset of 0.15m around the chamber. Construction brick masonry in CM 1:4, 340mm thick with wire cut bricks of approved quality, plaster inside and out side with CM 1:3, 12mm thick except for the concrete outside, where plaster thickness shall be 20mm, slope inside to be 1:6 to the concrete towards central drain and finished smooth. fixing of pipes						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for R.C.C 1:2:4 with graded metal of 20mm and down size. Supplying and fixing SFRC manhole frame and cover conforming to IS 12592, with latest amendments in R.C.C 1:2:4, supplying and fixing footsteps made of 12mm dia steel bars (Fe-415) with 3mm thick plastic encapsulation (IS:10910). The footsteps shall be fixed 30cm apart and in R.C.C blocks embedded in making wall. The whole works include for curing in all types of weather. Watering curing, barricading.						
		qty inside	t.B.W	th no 12			
		p.to	15 + 20.40 m				
			C/S 389.85 sft				3139.52.94

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Measurement Book

No. E 536110

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13)	Providing and Constructing "Wire cut brick manhole Chambers using sulphate resistant cement, considered in shape at top With C.C 1:3:6 foundation using 40mm and down size graded metal of approved quality and With an offset of 05cm around the Chambers, Construct brick masonry in CM 1:4 340mm thick With Wire cut bricks of approved quality, plaster inside and outside With CM 1:3, 12mm thick except for the concrete surface outside whether plaster thickness shall be 20mm. slope						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Inside to be 1:6 in the concrete towards central drain and finished smooth. fixing of pipsin c.c 1:2:4 with graded metal of 20mm and down size. supplying and fixing SFRC manhole frame and cover confirming to IS.12592 with latest amendments. in c.c 1:2:4 supplying and fixing foot steps made of 12mm dia steel bars (fe-415) with 3mm plastic encapsulations. (CSR-209/10)						
	9 qty nos E. Drill Sl.no 13 P.no 17 . 9.00 no. @ 38769.15/Lumps						348922-38

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Measurement Book

536111

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1y	Providing and Constructing "Wire cut brick manhole chambers using sulphate resistant cement, co-nicled in shape at top with c.c. 1:3:6 form using 40mm and down size graded metal of approved quality with an offset of 0.15m around the chamber. Construct brick masonry in CM 1:4, 340mm thick with wire cut bricks of approved quality and plaster inside and outside with CM 1:3, 12mm thick, Except for the conicled surface outside whether plaster thickness						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	shall be 20mm, slope inside to be 1:6 in the concrete towards central drain and finished smooth, fixing of pipes covers with approved metal of 20mm and down size supplying and fixing SFRC manhole frame and cover confirming to IS:12592 with latest amendments in C.C 1:2:4 supplying and fixing foot steps made of 12mm dia steel bars (Fe-415) with 3mm thick plastic encapsulation. etc complete as per specification.						
			qty-inside C.B.11 No to 14				
			pipe 18 = 5.85 mtr				99582.24
			@ 17022.60/m				

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Measurement Book

536112

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15)	Providing and Constructing 4 Nos cut brick manhole chambers using sulphate resistant cement, Ca-nickel in shape mould of approved quality and duly as per detail of 0-15 m around the chamber. Construct brick masonry in CM 1:4, 340 mm thick with wire cut bricks of approved quality. plaster finish outside with CM 1:3, 12mm thick except for the Ca-nickel surface outside whether plaster thickness shall be 20mm slope inside to be 1:6 in the concrete towards central						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	drains and finished storeroom. fixing of pipes in C.C 1:12:24 with graded metal of 20mm and down size. supplying and fixing SFRC manhole frame and cover conforming to IS-12592 with latest amendment in C.C 1:2:4, supplying and fixing fist steps made of 12mm dia steel bar (Fe-415) with epoxy paint coating. plaster & encapsulation (IS-1091) etc complete as per specification.						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	table 1:6 for the concrete towards central drain and finished ground level of 20mm and down side. supplying and fixing steel manhole frame and cover conforming to IS-12592. with latest amendments. in C.C 1:2:4. supplying and fixing foot steps made of 12mm dia steel bar (fe-415) with 3 rows three plastic Encapsulation (7.5-909kg) the foot steps shall be fixed 30cm apart and in CC blocks embedded to masonry wall, etc complete as per specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			qty. vide R.B.11.				
			p.no 24		1271	Rmtr	
				@	29.40	Rmt.	37364.40
18)	Providing & erecting and removing engineering pile three tier barricading using poles of 7.5m 10cms dia at 1.5m ht above G.L. fixed vertically at intervals of 2.0m to 2.5m centre to centre and horizontally at 1.5m above G.L. including fixing the poles ground form min. depth of 0.3m of hard rocky soil rope firmly including cost and conveyance of all materials, labour, lead and lift charges						

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Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	all complete as per the direction of the Engineer in-Charge of the work.						
			qty. vide	R.B.11	M no 18	p.no 22	
			=	1271.00	Rmt @	54.60/m.	69396.60
19)	HC water pumped (3500 Ltr/Hr) as per the directions of the Engineer-in-Charge of the work with all lead and lift, loading and unloading and all other incidentals charges etc complete as per specifications and directions of the Engineer in Charge of work.						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Loading, unloading and all other incidental charges etc complete as per specifications.						
			Qty-vide R.B.N. Pg no 21 para. 25 = 450 cum				
22)	Dismantling of Size Stone masonry in lime/mortar/cement mortar and stacking the size stone and removing and disposing the debris with all lead and lift etc complete including costs of all other equipments and tools complete as per specifications and as directed by the Engineer in-charge of work as per the.					@ 438.57 cft	197,334.00

M. A. R. 57 (Rule 116) No. E 536117
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty vide R.B.N. Pg no 22				
			p. no 26 =		90-00 cft	@ 191.44	17229.60
23)	Providing and Constructing granite (rough) hammer dressed size stone masonry in foundation with CM 1:6 stone hammer dressed in courses not less than 20 cms high, bond stone @ 2 nos apart in each course including costs, materials, labours, curing with all lead and lift etc complete as per the specifications and directions						

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MEASUREMENT BOOK

te	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Engineer-in-Charge of work. ref to drain walls, specified NO 1CBS 5.1.13 With using available stones as per the directions of Engineer-in-Charge of work With all lead and lift, loading, unloading and all other incidental charges etc complete as per specification.						
			qty-mes E-Bill. Page No 23 p.no 27 = 90.443 @ 3452.73/m³				310691.70
	Constructing of granular sub-base by providing close graded crushed stone aggregates of grade/type/Layer						

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Measurement Book

536118

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Material, mixing in a mechanical mix plant at one, compacting mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting With vibratory power Rollers to achieve the desired density, Complete as per specifications. Plant mix method for grading-II Material as per the directions of Engineer-in-Charge of the work With all lead and lift, loading unloading and all other incidental Charges etc complete. as per						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Specification						
25)	Providing, laying, spreading and compacting ~~course~~ graded aggregate in wet mix macadam (WBM) specification including premixing the material with water at Over site mechanical mix plant Cartage of mixed material by tipper to site, laying in uniform layers using power to Sub-base/base course on prepared surface and Compacting with vibratory Roller to achieve the desired						

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Measurement Book

536119

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	density, grading of material as per the directions of Engineer-in-charge work ex complete as per specifications and directions of the Engineer-in-charge.		Clear	As laid	Width specified.		
		Qty ~~work~~		R.Bill.	As abo.	25 p. no 2)	
			= 305.28 @ 2191.34 kg/m³				641497.08
26)	Providing and applying ~~prime~~ coat for ~~dust~~ like ~~pavement~~	prime coat	Stabilized	not	base @	1.10 kg/m²	over

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	prepared surface with S.S. Bitumen emulsion using bitumen tanker fitted with spray set including cost of all materials, labours, hire of machineries Complete as per specifications.						
			9th Addl E. Bill # No 26				
			P no 130 = 1526 Rosmath				
			e/48.97/42				74747.81
22)	Providing and laying Semi-dense bituminous Concrete using crushed aggregates of specified grading, pre-mixed with bituminous binder and fully transporting the						

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Measurement Book

536120

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	hot mix to work site, laying with a paver finisher to the required grade level and alignment, rolling with smooth wheeled, vibratory and tandem Roller to achieve the desired Compaction as per morth specifications clause no. 500 & Complete in all respect complete as per specifications, using 100-120 TPH Capacity HMP. With dense paver grading -2 (35-40 mm) with 4-5% NRMB 70/P mB 70 grade as per the direction of the Engineer-in-charge of the work						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	With all lead and Lift, incidental charges etc, direction of Engineer-in-charge of the work.	loading, unloading and complete as per specifications and				all other	
			Qty vide Bill-II abs 27 pg no 32			= 61.00 m³ @ 10,040.42/m³	6,14,295.62
28]	Providing and laying open graded premixed carpet of 20mm thickness on prepared surface in a single course as wearing course including composed of 11.2 mm aggregate						

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M. A. R. 57 (Rule 116) No. E 536121

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	13.20 mm size stone aggregate 0.027 cum/sqm premixed with bituminous binder at 1.4 kg/sqm in mixing mix plant 6-10 tonne Capacity laying manually rolling with power Roller 8-10 tonnes, Excluding costage tackcoat, including cost of all materials, labour, hire of machinery Complete as per Specification vide (80/ms) grade, Morth clause no. 511/ chapter-5 as per the direction of Engineer						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	In charges the work with all lead and lift, loading and unloading and all other incidental charges etc. complete as per specifications and directions of in-charge of the work..						
	C/o PC		Qty vide It no. 28 p.no				
			= 1526.40 m^2 @			154.71/m^2	2,36,149.34
						Total (A)	1,20,54,405.31
					ICPWD SR It no		36,13,446.77
				(B) 12%	GST on SR Item		4,33,613.00
						Total R (A+B)	1,24,88,024.31

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

30/11/20

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

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M. A. R. 57 (Rule 116)

Measurement Book

No. E 536122

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						600 ϕ VCP Line	

ಸಹಾಯಕ ಅಧಿಯಂತರರು

ವಿದ್ಯುದಾಯನಮುಖ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಅಧಿಯಂತರರು

ವಿದ್ಯುದಾಯನಮುಖ ಉಪ ವಿಭಾಗ

ಬಿ.ಡಿ.ಎ.ಪ., ಬೆಂಗಳೂರು-24

Nagaraja Rely Rly

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